FROM FIRST PUZZLES TO STEADY PROGRESS, VISIT SUDOKUPRINTOUT.COM

Printable PDF Booklet

Bivalue Universal Grave Practice Sudoku

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates

Every puzzle in this booklet is filtered to require BUG (Bivalue Universal Grave).
It is designed for solvers who want deliberate, targeted practice on paper.

DIFFICULTY Custom / Custom	LAYOUT 1 Puzzle Per Page
TECHNIQUE BUG (Bivalue Universal Grave)	CANDIDATES Included
ANSWER KEY Included at the end	GENERATED Apr 12, 2026
PAPER A4 / US Letter	

You are welcome to share this booklet freely.

HINT SUPPORT

Need a logical hint? Every booklet here uses the same Puzzle IDs as **sudokupuzzle.org**. Open that site, enter your Puzzle ID in the "Start Game" dialog, and launch the solver for a clean step-by-step walkthrough. For more printable layouts and levels, visit **sudokuprintout.com**.

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#1 (ID: #43834) SCORE: 121 STEPS: 61 **Level 6**

6				5			2	
2	8		6		9			
		7						8
						3		6
	2	3						5
			1				8	
3				2		1		
					8		3	
	5	1						

Techs: **Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#2 (ID: #103997) SCORE: 125 STEPS: 60 **Level 6**

	5							
				7	8		6	1
	9		6		2			
	2							5
	4	9		8				7
			7		4			
				9				
							1	6
5			1				2	4

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, BUG (Bivalue Universal Grave)**

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#3 (ID: #52604) SCORE: 153 STEPS: 62 **Level 6**

	7	4						
							8	
				1	8			3
				8	9			
		6					2	
4	1	2			3			
2					1			
			6		7	9		
7		9	4					6

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, X-Wing, BUG (Bivalue Universal Grave)**

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#4 (ID: #77552) SCORE: 125 STEPS: 60 **Level 6**

		9	7				3	
	1				8	4		
6								5
	8			6				
3		6					9	
								1
4			3					
	6		9				4	
	9	8			4	1		

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, BUG (Bivalue Universal Grave)**

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#5 (ID: #97292) SCORE: 125 STEPS: 60 **Level 6**

		3				8		
	5		7			3		
			4					
	8	2						4
							9	
	4		3	9		1		2
	3	7				5		8
				4		2		
				5				3

Techs: **Naked Single, Hidden Single, Pointing, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#6 (ID: #1218) SCORE: 168 STEPS: 67 **Level 6**

6						5		
					4			
				8	3			
		8						
			6		2	4		
	7					2		
								7
	5						3	8
2			9					

Techs: **Naked Single, Hidden Single, Naked Pairs, Skyscraper, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#7 (ID: #58204) SCORE: 140 STEPS: 61 **Level 6**

			7		6			3
		4						
				8			7	9
							8	
	7	5			9		2	6
8	4							
3				4		5		
	8			6				
	2	7	5					

Techs: **Naked Single, Hidden Single, Pointing, Hidden Pairs, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#8 (ID: #1222) SCORE: 146 STEPS: 67 **Level 6**

	9	7						
								5
			2			6		1
				7	9		3	
6	4							
				8				
1			6		5			
	8						9	

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#9 (ID: #1233) SCORE: 103 STEPS: 64 **Level 6**

8			7				3	
		9			8			6
		5						
		6				9		
			3				4	
3								7
					6	5		
4			1					

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

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#10 (ID: #12114) SCORE: 111 STEPS: 65 **Level 6**

	7			3				
		6				5		
						9		
			2				3	
				6			7	
		9			8			
1			5		9			
	3						4	
					6			

Techs: **Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)**

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#11 (ID: #41561) **SCORE: 137** **STEPS: 60** **Level 6**

2					3			
5						4	8	
				4				2
				8				
						5		
		8				7		3
		1			6			
3			5				4	7
	5		3		2	1		6

Techs: **Naked Single, Hidden Single, Naked Pairs, X-Wing, BUG (Bivalue Universal Grave)**

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#12 (ID: #89412) **SCORE: 141** **STEPS: 62** **Level 6**

	7			6	1			8
		1			4		3	
9							5	
	3							4
8								
							9	6
		9		5			4	
				4		7	6	1
7			1					

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, BUG (Bivalue Universal Grave)**

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#13 (ID: #111962) SCORE: 187 STEPS: 62 **Level 6**

9							6	
	7						5	4
6	9							5
	5		7			4		8
					1		9	
1		8		9		3		
			8					6
5	3							7

Techs: **Naked Single, Hidden Single, X-Wing, Skyscraper, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)**

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#14 (ID: #122421) **SCORE: 162** **STEPS: 61** **Level 6**

					9			7
			6	7			2	9
1								
		1				7		
6				2		5	4	
			8	9	6			
5					7			1
	4		2					
2		7						

Techs: **Naked Single, Hidden Single, Naked Pairs, Skyscraper, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)**

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#15 (ID: #17530) SCORE: 146 STEPS: 62 **Level 6**

							5	
	3							4
				2	1			
	6	1		8		2		
					3			
		5	6		9			
					4		6	
			3	5			4	8
		6	8					3

Techs: **Naked Single, Hidden Single, Pointing, X-Wing, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)**

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#16 (ID: #1312) SCORE: 103 STEPS: 64 **Level 6**

9				5				1
	5				2	3		
					3	8		
1							9	
6								
	8				4			
	3							2
				1			6	

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

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#17 (ID: #1340) SCORE: 103 STEPS: 64 **Level 6**

	5				1			2
4			5			7		
					2			6
9								
7							4	
	2					1		
			7				9	
	6				3			

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

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#18 (ID: #14557) **SCORE: 146** **STEPS: 67** **Level 6**

		9						
					8	4	5	
	4					7		
	7				5			
		6					1	9
			6	9				3
			1					
4	5							

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)**

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#19 (ID: #1362) SCORE: 103 STEPS: 64 **Level 6**

2						4		
						3		
	6				5			
4				1				
						9		5
		7						6
	5							9
		8	3	4				
				2				

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

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#20 (ID: #54795) SCORE: 142 STEPS: 60 **Level 6**

	3	7	1	4				8
		8	7					9
4					8		6	
		1	3			7		
			4	6		1		
	6						2	
9							8	
							7	
			9					

Techs: **Naked Single, Hidden Single, Naked Pairs, Skyscraper, BUG (Bivalue Universal Grave)**

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#21 (ID: #68632) **SCORE: 165** **STEPS: 65** **Level 6**

7								2
				4				
5		2	9		8			7
1						7		
	8							9
			2				1	
		9	4			5		
	2			6		1		4
				5			6	

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Unique Rectangle Type 1, BUG (Bivalue Universal Grave)**

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#22 (ID: #1374) SCORE: 103 STEPS: 64 **Level 6**

2					3	7		
		4	2					9
					7	8		
		9					4	
		1						
			9				1	
8					5			
7								3

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

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#23 (ID: #12473) SCORE: 103 STEPS: 64 **Level 6**

					6			8
9		4						
			3			4	9	
							1	
5	7				2			
			4	2				
	8							6
	2		1					

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

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#24 (ID: #79101) **SCORE: 104** **STEPS: 58** **Level 6**

		3	6					
	5				3			9
9		6		2	1			
	7			4	9			3
5	1					2		
		1			2			
			9					
	2		4	1			5	

Techs: **Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#1 (ID: #43834) **SCORE: 121** **STEPS: 61** **Level 6**

6	1 3 4 9	4 9	3 4 7 8	**5**	1 3 4 7	4 7 9	**2**	1 3 4 7 9
2	**8**	4 5	**6**	1 3 4 7	**9**	4 5 7	1 4 5 7	1 3 4 7
1 4 5 9	1 3 4 9	**7**	2 3 4	1 3 4	1 2 3 4	4 5 6 9	1 4 5 6 9	**8**
1 4 5 7 8 9	1 4 7 9	4 5 8 9	2 4 5 7 8 9	4 7 8 9	2 4 5 7	**3**	1 4 7 9	**6**
1 4 7 8 9	**2**	**3**	4 7 8 9	4 6 7 8 9	4 6 7	4 7 9	1 4 7 9	**5**
4 5 7 9	4 6 7 9	4 5 6 9	**1**	3 4 6 7 9	2 3 4 5 6 7	2 4 7 9	**8**	2 4 7 9
3	4 6 7 9	4 6 8 9	4 5 7 9	**2**	4 5 6 7	**1**	4 5 6 7 9	4 7 9
4 7 9	4 6 7 9	2 4 6 9	4 5 7 9	1 4 6 7 9	**8**	2 4 5 6 7 9	**3**	2 4 7 9
4 7 8 9	**5**	**1**	3 4 7 9	3 4 6 7 9	3 4 6 7	2 4 7 8 9	4 6 7 9	2 4 7 9

Techs: **Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#2 (ID: #103997) **SCORE: 125** **STEPS: 60** **Level 6**

1 2 3 4 6 7 8	**5**	1 2 3 4 6 7 8	3 4 9	1 3 4	1 3 9	2 3 4 7 8 9	3 4 7 8 9	2 3 8 9
2 3 4	3	2 3 4	3 4 5 9	**7**	**8**	2 3 4 5 9	**6**	**1**
1 3 4 7 8	**9**	1 3 4 7 8	**6**	1 3 4 5	**2**	3 4 5 7 8	3 4 5 7 8	3 8
1 3 6 7 8	**2**	1 3 6 7 8	3 9	1 3 6	1 3 6 9	1 3 4 6 9 8 9	3 4 8 9	**5**
1 3 6	**4**	**9**	2 3 5	**8**	1 3 5 6	1 2 3 6	3	**7**
1 3 6 8	1 3 6 8	1 3 5 6 8	**7**	1 2 3 5 6	**4**	1 2 3 6 8 9	3 8 9	2 3 8 9
1 2 3 4 6 7 8	1 3 6 7 8	1 2 3 4 6 7 8	2 3 4 5 8	**9**	3 5 6 7	3 5 7 8	3 5 7 8	3 8
2 3 4 7 8 9	3 7 8	2 3 4 7 8	2 3 4 5 8	2 3 4 5	3 5 7	3 5 7 8 9	**1**	**6**
5	3 6 7 8	3 6 7 8	**1**	3 6	3 6 7	3 7 8 9	**2**	**4**

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#3 (ID: #52604) **SCORE: 153** **STEPS: 62** **Level 6**

1 3 5 6 8 9	**7**	**4**	2 3 5 9	2 3 5 6 9	2 5 6	1 2 5 6	1 5 6 9	1 2 5 9
1 3 5 6 9	2 3 5 6 9	1 3 5	2 3 5 7 9	2 3 4 5 6 7 9	2 4 5 6	1 2 4 5 6 7	**8**	1 2 4 5 7 9
5 6 9	2 5 6 9	5	2 5 7 9	**1**	**8**	2 4 5 6 7	4 5 6 7 9	**3**
3 5	3 5	3 5 7	1 2 5 7	**8**	**9**	1 3 4 5 6 7	1 3 4 5 6 7	1 4 5 7
3 5 8 9	3 5 8 9	**6**	1 5 7	4 5 7	4 5	1 3 4 5 7 8	**2**	1 4 5 7 8 9
4	**1**	**2**	5 7	5 6 7	**3**	5 6 7 8	5 6 7 9	5 7 8 9
2	3 4 5 6 8	3 5 8	3 5 8 9	3 5 9	**1**	3 4 5 7 8	3 4 5 7	4 5 7 8
1 3 5 8	3 4 5 8	1 3 5 8	**6**	2 3 5	**7**	**9**	1 3 4 5	1 2 4 5 8
7	3 5 8	**9**	**4**	2 3 5	2 5	1 2 3 5 8	1 3 5	**6**

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, X-Wing, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#4 (ID: #77552) **SCORE: 125** **STEPS: 60** **Level 6**

2 5 8	2 4 5	**9**	**7**	1 2 4 5	1 2 5 6	2 6 8	**3**	2 6 8
2 5 7	**1**	2 3 5 7	2 5 6	2 3 5 9	**8**	**4**	2 6 7	2 6 7 9
6	2 3 4 7	2 3 4 7	1 2 4	1 2 3 4 9	1 2 3 9	2 7 8 9	1 2 7 8	**5**
1 2 5 7 9	**8**	1 2 4 5 7	1 2 4 5	**6**	1 2 3 5 7 9	2 3 5 7	2 5 7	2 3 4 7
3	2 4 5 7	**6**	1 2 4 5 8	1 2 4 5 7 8	1 2 5 7	2 5 7 8	**9**	2 4 7 8
2 5 7 9	2 4 5 7	2 4 5 7	2 4 5 8	2 3 4 5 7 8 9	2 3 5 7 9	2 3 5 6 7 8	2 5 6 7 8	**1**
4	2 5 7	1 2 5 7	**3**	1 2 5 7 8	1 2 5 6 7	2 5 6 7 8 9	2 5 6 7 8	2 6 7 8 9
1 2 5 7	**6**	1 2 3 5 7	**9**	1 2 5 7 8	1 2 5 7	2 3 5 7 8	**4**	2 3 7 8
2 5 7	**9**	**8**	2 5 6	2 5 7	**4**	**1**	2 5 6 7	2 3 6 7

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#5 (ID: #97292) **SCORE: 125** **STEPS: 60** **Level 6**

1 2 4 6 7 9	1 2 6 7 9	**3**	1 2 5 6 9	1 2 6	1 2 5 6 9	**8**	1 2 4 5 6 7	1 5 6 7 9
1 2 4 6 8 9	**5**	1 4 6 8 9	**7**	1 2 6 8	1 2 6 8 9	**3**	1 2 4 6	1 6 9
1 2 6 7 8 9	1 2 6 7 9	1 6 8 9	**4**	1 2 3 6 8	1 2 3 5 6 8 9	6 7 9	1 2 5 6 7	1 5 6 7 9
1 3 5 6 9 7	**8**	**2**	1 5 6	1 6 7	1 5 6 7	6 7	3 5 6 7	**4**
1 3 5 6 7	1 6 7	1 5 6	1 2 5 6 8	1 2 6 7 8	1 2 4 5 6 7 8	6 7	**9**	5 6 7
5 6 7	**4**	5 6	**3**	**9**	5 6 7 8	**1**	5 6 7 8	**2**
1 2 4 6 9	**3**	**7**	1 2 6 9	1 2 6	1 2 6 9	**5**	1 4 6	**8**
1 5 6 8 9	1 6 9	1 5 6 8 9	1 6 8 9	**4**	1 3 6 7 8 9	**2**	1 6 7	1 6 7 9
1 2 4 6 8 9	1 2 6 9	1 4 6 8 9	1 2 6 8 9	**5**	1 2 6 7 8 9	4 6 7 9	1 4 6 7	**3**

Techs: **Naked Single, Hidden Single, Pointing, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#6 (ID: #1218) **SCORE: 168** **STEPS: 67** **Level 6**

6	1 2 3 4 8 9	1 2 3 4 7 9	1 2 7	1 2 7 9	1 7 9	5	1 2 4 7 8 9	1 2 3 4 9
1 3 5 7 8 9	1 2 3 8 9	1 2 3 5 7 9	1 2 5 7	1 2 5 6 7 9	4	1 3 6 7 8 9	1 2 6 7 8 9	1 2 3 6 9
1 4 5 7 9	1 2 4 9	1 2 4 5 7 9	1 2 5 7	8	3	1 6 7 9	1 2 4 6 9	1 2 4 6 9
1 3 4 5 9	1 2 3 4 6 9	8	1 3 4 5 7	1 3 4 5 7 9	1 5 7 9	1 3 6 7 9	1 5 6 7 9	1 3 5 6 9
1 3 5 9	1 3 9	1 3 5 9	6	1 3 5 7 9	2	4	1 5 7 8 9	1 3 5 9
1 3 4 5 9	7	1 3 4 5 6 9	1 3 4 5 8	1 3 4 5 9	1 5 8 9	2	1 5 6 8 9	1 3 5 6 9
1 3 4 8 9	1 3 4 6 8 9	1 3 4 6 9	1 2 3 4 5 8	1 2 3 4 5 6	1 5 6 8	1 6 9	1 2 4 5 6 9	7
1 4 7 9	5	1 4 6 7 9	1 2 4 7	1 2 4 6 7	1 6 7	1 6 9	3	8
2	1 3 4 6 8	1 3 4 6 7	9	1 3 4 5 6 7	1 5 6 7 8	1 6	1 4 5 6	1 4 5 6

Techs: **Naked Single, Hidden Single, Naked Pairs, Skyscraper, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)**

BIVALUE UNIVERSAL GRAVE PRACTICE SUDOKU [VOL.1]

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#7 (ID: #58204) **SCORE: 140** **STEPS: 61** **Level 6**

1 2 5 9	1 5 9	1 2 8 9	**7**	1 2 5 9	**6**	1 2 4 8	1 4 5	**3**
1 2 5 6 7 9	1 3 5 6 9	**4**	1 2 3 9	1 2 3 5 9	1 2 3 5	1 2 6 8	1 5 6	1 2 5 8
1 2 5 6	1 3 5 6	1 2 3 6	1 2 3 4	**8**	1 2 3 4 5	1 2 4 6	**7**	**9**
1 2 6 9	1 3 6 9	1 2 3 6 9	1 2 3 4 6	1 2 3 5 7	1 2 3 4 5 7	3 4 7 9	**8**	1 4 5 7
1	**7**	**5**	1 3 4 8	1 3	**9**	3 1 4	**2**	**6**
8	**4**	1 2 3 6 9	1 2 3 6	1 2 3 5 7	1 2 3 5 7	3 1 7 9	1 3 5 9	1 5 7
3	1 6 9	1 6 9	1 2 8 9	**4**	1 2 7 8	**5**	1 6 9	1 2 7 8
1 4 5 9	**8**	1 9	1 2 3 9	**6**	1 2 3 7	1 2 3 4 7 9	1 3 4 9	1 2 4 7
1 4 6 9	**2**	**7**	**5**	1 3 9	1 3 8	1 3 6 4 8 9	1 3 6 4 9	1 4 8

Techs: **Naked Single, Hidden Single, Pointing, Hidden Pairs, BUG (Bivalue Universal Grave)**

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#8 (ID: #1222) **SCORE: 146** **STEPS: 67** **Level 6**

2 3 4 5 8	**9**	**7**	1 3 4 5 8	1 3 6 4 5 6	1 3 6 4 8	2 3 4 8	2 4 8	2 3 4 8
2 3 4 8	1 2 3 6	1 2 3 4 6 8	1 3 4 7 8 9	1 3 6 4 6 9	1 3 6 4 7 8	2 3 4 7 8 9	2 4 7 8	**5**
3 4 5 8	3 5	3 4 5 8	**2**	3 4 5 9	3 4 7 8	**6**	 4 7 8	**1**
2 5 8	1 2 5	1 2 5 8	1 4 5	**7**	**9**	1 2 4 5 8	**3**	2 4 6 8
6	**4**	1 2 3 5 8 9	1 3 5	1 2 3 5	1 2 3	1 2 5 7 8 9	1 2 5 7 8	2 7 8 9
2 3 5 7 9	1 2 3 5 7	1 2 3 5 9	1 3 4 5	**8**	1 2 3 4 6	1 2 4 5 7 9	1 2 4 5 6 7	2 4 6 7 9
1	2 3 7	2 3 4 9	**6**	2 3 4 9	**5**	2 3 4 7 8	2 4 7 8	2 3 4 7 8
2 3 4 5 7 9	2 3 5 6 7	2 3 4 5 6 9	1 3 4 7 8 9	1 2 3 4 9	1 2 3 4 7 8	1 2 3 4 5 7 8	1 2 4 5 6 7 8	2 3 4 6 7 8
2 3 4 5 7	**8**	2 3 4 5 6	1 3 4 7	1 2 3 4	1 2 3 4 7	1 2 3 4 5 7	**9**	2 3 4 6 7

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)**

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#9 (ID: #1233) **SCORE: 103** **STEPS: 64** **Level 6**

8	1 2 4 5 6	1 2 4	**7**	1 2 4 5 6 9	1 2 4 5 9	1 2 4	**3**	1 2 4 5 9
1 2 5 6 7	1 2 3 4 5 6 7	1 2 3 4 7	2 4 5 6 9	1 2 3 4 5 6 9	1 2 3 4 5 9	1 2 4 7 8	1 2 5 7 8 9	1 2 4 5 8 9
1 2 5 7	1 2 3 4 5 7	**9**	2 4 5	1 2 3 4 5	**8**	1 2 4 7	1 2 5 7	**6**
1 2 7 9	1 2 3 4 7 8 9	**5**	2 4 6 8 9	1 2 4 6 7 8 9	1 2 4 7 9	1 2 3 6 7 8	1 2 6 7 8	1 2 3 8
1 2 7	1 2 3 4 7 8	**6**	2 4 5 8	1 2 4 5 7 8	1 2 4 5 7	**9**	1 2 5 7 8	1 2 3 5 8
1 2 7 9	1 2 7 8 9	1 2 7 8	**3**	1 2 5 6 7 8 9	1 2 5 7 9	1 2 6 7 8	**4**	1 2 5 8
3	1 2 5 6 8 9	1 2 8	2 4 5 8 9	2 4 5 8 9	2 4 5 9	1 2 4 6 8	1 2 6 8 9	**7**
1 2 7 9	1 2 7 8 9	1 2 7 8	2 4 8 9	2 3 4 7 8 9	**6**	**5**	1 2 8 9	1 2 3 4 8 9
4	2 5 6 7 8 9	2 7 8	**1**	2 3 5 7 8 9	2 3 5 7 9	2 3 6 8	2 6 8 9	2 3 8 9

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

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#10 (ID: #12114) **SCORE: 111** **STEPS: 65** **Level 6**

2 4 5 8 9	**7**	1 2 4 5 8	1 4 6 8 9	**3**	1 2 4 5	1 2 4 6 8	1 2 6 8	1 2 4 6 8
2 3 4 8 9	1 2 4 8 9	**6**	1 4 7 8 9	1 2 4 7 8 9	1 2 4 7	**5**	1 2 8	1 2 3 4 7 8
2 3 4 5 8	1 2 4 5 8	1 2 3 4 5 8	1 4 6 7 8	1 2 4 5 7 8	1 2 4 5 7	**9**	1 2 6 8	1 2 3 4 6 7 8
4 5 6 7 8	1 4 5 6 8	1 4 5 7 8	**2**	1 4 5 7 9	1 4 5 7	1 4 6 8	**3**	1 4 5 6 8 9
2 3 4 5 8	1 2 4 5 8	1 2 3 4 5 8	1 3 4 9	**6**	1 3 4 5	1 2 4 8	**7**	1 2 4 5 8 9
2 3 4 5 6 7	1 2 4 5 6	**9**	1 3 4 7	1 4 5 7	**8**	1 2 4 6	1 2 5 6	1 2 4 5 6
1	2 4 6 8	2 4 7 8	**5**	2 4 7 8	**9**	2 3 6 7 8	2 6 8	2 3 6 7 8
2 5 6 7 8 9	**3**	2 5 7 8	1 7 8	1 2 7 8	1 2 7	1 2 6 7 8	**4**	1 2 5 6 7 8 9
2 4 5 7 8 9	2 4 5 8 9	2 4 5 7 8	1 3 4 7 8	1 2 4 7 8	**6**	1 2 3 7 8	1 2 5 8 9	1 2 3 5 7 8 9

Techs: **Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)**

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#11 (ID: #41561) **SCORE: 137** **STEPS: 60** **Level 6**

2	1 4 7 8 6 9	4 7 6 9	1 7 8 6 9	1 5 6 7 9	**3**	6 9	1 5 6 7 9	1 5 9
5	1 3 6 7 9	3 6 7 9	1 2 6 7 9	1 2 6 7 9	1 7 9	**4**	**8**	1 9
1 6 7 8 9	1 3 6 7 8 9	3 6 7 9	1 6 7 8 9	**4**	1 5 7 8 9	3 6 9	1 3 5 6 7 9	**2**
1 4 6 7 9	1 2 3 4 6 7 9	2 3 4 5 6 7 9	1 2 4 6 7 9	**8**	1 4 5 7 9	2 6 9	1 2 6 9	1 4 9
1 4 6 7 9	1 2 3 4 6 7 9	2 3 4 6 7 9	1 2 4 6 7 9	1 2 3 6 7 9	1 4 7 9	**5**	1 2 6 9	1 4 8 9
1 4 6 9	1 2 4 6 9	**8**	1 2 4 6 9	1 2 5 6 9	1 4 5 9	**7**	1 2 6 9	**3**
4 7 8 9	2 4 7 8 9	**1**	4 7 8 9	7 9	**6**	2 3 8 9	2 3 5 9	5 8 9
3	2 6 8 9	2 6 9	**5**	1 9	1 8 9	2 8 9	**4**	**7**
4 7 8 9	**5**	4 7 9	**3**	7 9	**2**	**1**	9	**6**

Techs: **Naked Single, Hidden Single, Naked Pairs, X-Wing, BUG (Bivalue Universal Grave)**

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#12 (ID: #89412) **SCORE: 141** **STEPS: 62** **Level 6**

2 3 4 5	**7**	2 3 4 5	2 3 5 9	**6**	**1**	2 4 9	2	**8**
2 5 6	2 5 6 8	**1**	2 5 7 8 9	2 7 8 9	**4**	2 6 9	**3**	2 7 9
9	2 4 6 8	2 3 4 6 8	2 3 7 8	2 3 7 8	2 3 7 8	1 2 4 6	**5**	2 7
1 2 5 6	**3**	2 5 6 7	2 5 6 7 8 9	1 2 7 8 9	2 5 6 7 8 9	1 2 5 8	1 2 7 8	**4**
8	1 2 4 5 6 9	2 4 5 6 7	2 3 4 5 6 7 9	1 2 3 7 9	2 3 5 6 7 9	1 2 3 5	1 2 7	2 3 5 7
1 2 4 5	1 2 4 5	2 4 5 7	2 3 4 5 7 8	1 2 3 7 8	2 3 5 7 8	1 2 3 5 8	**9**	**6**
1 2 3 6	1 2 6 8	**9**	2 3 6 7 8	**5**	2 3 6 7 8	2 3 8	**4**	2 3
2 3 5	2 5 8	2 3 5 8	2 3 8 9	**4**	2 3 8 9	**7**	**6**	**1**
7	2 4 5 6 8	2 3 4 5 6 8	**1**	2 3 8 9	2 3 6 8 9	2 3 5 8 9	2 8	2 3 5 9

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, BUG (Bivalue Universal Grave)**

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#13 (ID: #111962) **SCORE: 187** **STEPS: 62** **Level 6**

2 3 4 8	1 2 4 6 8	1 2 3 4 5 6	1 2 3 4 5 6 9	1 2 3 4 5 6 7 8	2 3 4 5 6 7 8 9	1 2 7 8 9	1 2 3 7 8	1 2 3 9
9	1 2 4 8	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5 7 8	2 3 4 5 7 8	1 2 7 8	**6**	1 2 3
2 3 8	**7**	1 2 3 6	1 2 3 6 9	1 2 3 6 8	2 3 6 8 9	1 2 8 9	**5**	**4**
6	**9**	1 2 3 4 7	2 3 4	2 3 4 8	2 3 4 8	1 2 7	1 2 3 7	**5**
2 3	**5**	1 2 3	**7**	2 3 6	2 3 6 9	**4**	1 2 3	**8**
2 3 4 7 8	2 4 8	2 3 4 7	2 3 4 5 6	2 3 4 5 6 8	**1**	2 6 7	**9**	2 3
1	2 4 6	**8**	2 4 5 6	**9**	2 4 5 6 7	**3**	2 4	2
2 4 7	2 4	2 4 7 9	**8**	1 2 3 4 7	2 3 4 5 7	1 2 5 9	1 2 4	**6**
5	**3**	2 4 6 9	1 2 4 6	1 2 4 6	2 4 6	1 2 8 9	1 2 4 8	**7**

Techs: **Naked Single, Hidden Single, X-Wing, Skyscraper, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)**

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#14 (ID: #122421) **SCORE: 162** **STEPS: 61** **Level 6**

3 4 8	2 3 5 6 8	2 3 4 5 6 8	3 4 5	3 4 5 8	**9**	3 4 6 8	3 5 6 8	**7**
3 4 8	3 5 8	3 4 5 8	**6**	**7**	3 4 5 8	3 4 8	**2**	**9**
1	2 3 5 6 7 8 9	2 3 4 5 6 8 9	3 4 5	3 4 5 8	2 3 4 5 8	3 4 6 8	3 5 6 8	3 4 5 6 8
3 4 8 9	2 3 5 8 9	**1**	3 4 5	3 4 5	3 4 5	**7**	3 6 8 9	2 3 6 8
6	3 7 8 9	3 8 9	1 3 7	**2**	1 3	**5**	**4**	3 8
3 4 7	2 3 5 7	2 3 4 5	**8**	**9**	**6**	1 2 3	1 3	2 3
5	3 6 8 9	3 6 8 9	3 4 9	3 4 6 8	**7**	2 3 4 6 8 9	3 6 8 9	**1**
3 8 9	**4**	3 6 8 9	**2**	1 3 5 6 8	1 3 5 8	3 6 8 9	3 5 6 7 8 9	3 5 6 8
2	1 3 6 8 9	**7**	1 3 4 5 9	1 3 4 5 6 8	1 3 4 5 8	3 4 6 8 9	3 5 6 9 8	3 4 5 6 8

Techs: **Naked Single, Hidden Single, Naked Pairs, Skyscraper, Unique Rectangle Type 3, BUG (Bivalue Universal Grave)**

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#15 (ID: #17530) **SCORE: 146** **STEPS: 62** **Level 6**

1 2 4 6 7 8 9	1 2 4 7 8 9	2 4 7 8 9	 4 7 9	3 4 6 7 9	 6 7 8	1 3 6 7 8 9	**5**	1 2 6 7 9
1 2 5 6 7 8 9	**3**	2 7 8 9	 5 7 9	 6 7 9	 5 6 7 8	1 6 7 8 9	1 2 7 8 9	**4**
4 5 6 7 8 9	4 5 7 8 9	4 7 8 9	4 5 7 9	**2**	**1**	3 6 7 8 9	3 7 8 9	6 7 9
3 4 7 9	**6**	**1**	4 5 7	**8**	5 7	**2**	3 7 9	5 7 9
2 4 7 8 9	2 4 7 8 9	2 4 7 8 9	1 2 4 5 7	1 4 7	**3**	1 4 5 6 7 8 9	1 7 8 9	1 5 6 7 9
2 3 4 7 8	2 4 7 8	**5**	**6**	1 4 7	**9**	1 3 4 7 8	1 3 7 8	1 7
1 2 3 5 7 8 9	1 2 5 7 8 9	2 3 7 8 9	1 2 7 9	1 7 9	**4**	1 5 7 9	**6**	1 2 5 7 9
1 2 7 9	1 2 7 9	2 7 9	**3**	**5**	2 6 7	1 7 9	**4**	**8**
1 2 4 5 7 9	1 2 4 5 7 9	**6**	**8**	1 7 9	2 7	1 5 7 9	1 2 7 9	**3**

Techs: **Naked Single, Hidden Single, Pointing, X-Wing, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)**

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#16 (ID: #1312) **SCORE: 103** **STEPS: 64** **Level 6**

9	2 4 6 7	2 3 4 6 7 8	3 4 6 7 8	**5**	6 7 8	2 4 6 7	2 4 7 8	**1**
2 3 4 7 8	1 2 4 6 7	1 2 3 4 6 7 8	1 3 4 6 9 7 8 9	3 4 6 9 7 8 9	1 6 7 8 9	2 4 5 6 9 7 9	2 4 5 7 8	4 5 6 9 7 8 9
4 7 8	**5**	1 4 6 7 8	1 4 6 9 7 8 9	4 6 7 8 9	**2**	**3**	4 7 8	4 6 7 8 9
2 4 5 7	2 4 7 9	2 4 5 7 9	1 2 4 5 6 7 9	2 4 6 7 9	**3**	**8**	1 2 4 5 7	4 5 6 7
1	2 4 7	2 3 4 5 7 8	2 4 5 6 7 8	2 4 6 7 8	5 6 7 8	2 4 5 6 7	**9**	3 4 5 6 7
6	2 4 7 9	2 3 4 5 7 8 9	1 2 4 5 7 8 9	2 4 7 8 9	1 5 7 8 9	1 2 4 5 7	1 2 3 4 5 7	3 4 5 7
2 5 7	**8**	1 2 5 6 7 9	2 3 5 6 7 9	2 3 6 7 9	**4**	1 5 7 9	1 3 5 7	3 5 7 9
4 5 7	**3**	1 4 5 6 7 9	5 6 7 8 9	6 7 8 9	5 6 7 8 9	1 4 5 7 9	1 4 5 7 8	**2**
2 4 5 7	2 4 7 9	2 4 5 7 9	2 3 5 7 8 9	**1**	5 7 8 9	4 5 7 9	**6**	3 4 5 7 8 9

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

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#17 (ID: #1340) **SCORE: 103** **STEPS: 64** **Level 6**

3 6 8	**5**	3 6 7 8 9	3 4 6 8 9	3 4 6 7 8 9	**1**	3 4 6 8 9	3 6 8	**2**
4	1 3 8 9	1 2 3 6 8 9	**5**	2 3 6 8 9	6 8 9	**7**	1 3 6 8	1 3 8 9
1 2 3 6 8	1 3 7 8 9	1 2 3 6 7 8 9	2 3 4 6 8 9	2 3 4 6 7 8 9	4 6 4 7 8 9	3 4 5 6 8 9	1 3 6 5 8	1 3 4 5 8 9
1 3 5 8	1 3 4 8	1 3 4 5 8	1 3 4 8 9	1 3 4 5 7 8 9	**2**	3 5 8 9	1 3 5 7 8	**6**
9	1 3 4 8	1 2 3 4 5 6 8	1 3 4 6 8	1 3 4 5 6 7 8	4 5 6 7 8	2 3 5 8	1 2 3 5 7 8	1 3 5 7 8
7	1 3 8	1 2 3 5 6 8	1 3 6 8 9	1 3 5 6 8 9	5 6 8 9	2 3 5 8 9	**4**	1 3 5 8 9
3 5 8	**2**	3 4 5 7 8 9	4 6 8 9	4 5 6 8 9	4 5 6 8 9	**1**	3 5 6 7 8	3 4 5 4 7 8
1 3 5 8	1 3 4 8	1 3 4 5 8	**7**	1 2 4 5 6 8	4 5 6 8	2 3 4 5 6 8	**9**	3 4 5 8
1 5 8	**6**	1 4 5 7 8 9	1 2 4 8 9	1 2 4 5 8 9	**3**	2 4 5 8	2 5 7 8	4 5 4 7 8

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

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#18 (ID: #14557) **SCORE: 146** **STEPS: 67** **Level 6**

1 2 3 5 6 7 8	1 2 3 6 8	9	2 3 4 5 7	1 2 3 4 5 6 7	1 2 3 4 6 7	1 2 3 6 8	2 3 6 8	1 2 6 8
1 2 3 6 7	1 2 3 6	1 2 3 7	2 3 7 9	1 2 3 6 7	8	4	5	1 2 6
1 2 3 5 6 8	4	1 2 3 5 8	2 3 5 9	1 2 3 5 6	1 2 3 6 9	7	2 3 6 8 9	1 2 6 8
1 2 3 5 8 9	1 2 3 8 9	1 2 3 4 5 8	2 3 4 7 8 9	1 2 3 6 4 7 8	1 2 3 6 4 7 9	2 3 5 6 8	2 3 6 4 7 8	2 4 5 6 7 8
1 2 3 8 9	7	1 2 3 4 8	2 3 4 8 9	1 2 3 6 4 8	5	2 3 6 8	2 3 6 4 8	2 4 6 8
2 3 5 8	2 3 8	6	2 3 4 7 8	2 3 4 7 8	2 3 4 7	2 3 5 8	1	9
1 2 7 8	1 2 8	1 2 7 8	6	9	2 4 7	1 2 5 8	2 4 7 8	3
2 3 6 7 8 9	2 3 6 8 9	2 3 7 8	1	2 3 4 5 8 7 8	2 3 4 7	2 5 6 8 9	2 4 6 7 8 9	2 4 5 6 7 8
4	5	1 2 3 7 8	2 3 7 8	2 3 7 8	2 3 7	1 2 6 8 9	2 6 7 8 9	1 2 6 7 8

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)**

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#19 (ID: #1362) **SCORE: 103** **STEPS: 64** **Level 6**

2	1 3 7 8 9	1 3 5 9	1 6 7 8 9	3 6 7 8 9	1 3 6 7 8 9	**4**	1 5 6 7 8 9	1 7 8
1 5 7 8 9	1 4 7 8 9	1 4 5 9	1 2 4 6 7 8 9	6 7 8 9	1 2 4 6 7 8 9	**3**	1 2 5 6 7 8 9	1 2 7 8
1 3 7 8 9	**6**	1 3 4 9	1 2 4 7 8 9	3 7 8 9	**5**	1 2 7 8	1 2 7 8 9	1 2 7 8
4	2 3 8 9	2 3 5 6 9	2 5 6 7 8 9	**1**	2 3 6 7 8 9	2 7 8	2 3 7 8	2 3 7 8
1 3 6 8	1 2 3 8	1 2 3 6	2 4 6 7 8	3 6 7 8	2 3 4 6 7 8	**9**	1 2 3 4 7 8	**5**
1 3 5 8 9	1 2 3 8 9	**7**	2 4 5 8 9	3 5 8 9	2 3 4 8 9	1 2 8	1 2 3 4 8	**6**
1 3 6 7	**5**	1 2 3 4 6	1 6 7 8	6 7 8	1 6 7 8	1 2 6 7 8	1 2 3 4 6 7 8	**9**
1 6 7 9	1 2 7 9	**8**	**3**	**4**	1 6 7 9	1 2 5 6 7	1 2 5 6 7	1 2 7
1 3 6 7 9	1 3 4 7 9	1 3 4 6 9	1 5 6 7 8 9	**2**	1 6 7 8 9	1 5 6 7 8	1 3 4 5 6 7 8	1 3 4 7 8

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

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#20 (ID: #54795) **SCORE: 142** **STEPS: 60** **Level 6**

2 5 6	**3**	**7**	**1**	**4**	2 5 6 9	2 5	5	**8**
1 2 5 6	1 2 5	**8**	**7**	2 3 5	2 3 5 6	2 3 4 5	1 3 4 5	**9**
4	1 2 5 9	2 5 9	2 5	2 3 5 9	**8**	2 3 5	**6**	1 2 3 5 7
2 5 8	2 4 5 8 9	**1**	**3**	2 5 8 9	2 5 9	**7**	4 5 9	4 5 6
2 3 5 7 8	2 5 7 8 9	2 3 5 9	**4**	**6**	2 5 7 9	**1**	3 5 9	3 5
3 5 7 8	**6**	3 4 5 9	5 8	1 5 7 8 9	1 5 7 9	3 4 5 8 9	**2**	3 4 5
9	1 2 4 5 7	2 3 4 5 6	2 5 6	1 2 3 5 7	1 2 3 4 5 6 7	2 3 4 5 6	**8**	1 2 3 4 5 6
1 2 3 5 6 8	1 2 4 5 8	2 3 4 5 6	2 5 6 8	1 2 3 5 8	1 2 3 4 5 6	2 3 4 5 6 9	**7**	1 2 3 4 5 6
1 2 3 5 6 7 8	1 2 4 5 7 8	2 3 4 5 6	**9**	1 2 3 5 7 8	1 2 3 4 5 6 7	2 3 4 5 6	1 3 4 5	1 2 3 4 5 6

Techs: **Naked Single, Hidden Single, Naked Pairs, Skyscraper, BUG (Bivalue Universal Grave)**

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#21 (ID: #68632) **SCORE: 165** **STEPS: 65** **Level 6**

7	1 3 4 6 9	1 3 4 6 8	1 3 5 6	1 3	1 3 5 6	3 4 6 8 9	3 4 5 8 9	**2**
3 6 8 9	1 3 6 9	1 3 6 8	1 3 5 6 7	**4**	1 2 3 5 6 7	3 6 8 9	3 5 8 9	1 3 5 6 8
5	1 3 4 6	**2**	**9**	1 3	**8**	3 4 6	3 4	**7**
1	3 4 5 6 9	3 4 5 6	3 5 6 8	3 8 9	3 4 5 6 9	**7**	2 3 4 5 8	3 5 6 8
2 3 4 6	**8**	3 4 5 6 7	1 3 5 6 7	1 3 7	1 3 4 5 6 7	2 3 4 6	2 3 4 5	**9**
3 4 6 9	3 4 5 6 7 9	3 4 5 6 7	**2**	3 7 8 9	3 4 5 6 7 9	3 4 6 8	**1**	3 5 6 8
3 6 8	1 3 6 7	**9**	**4**	1 2 3 7 8	1 2 3 7	**5**	2 3 7 8	3 8
3 8	**2**	3 5 7 8	3 7 8	**6**	3 7 9	**1**	3 7 8 9	**4**
3 4 8	1 3 4 7	1 3 4 7 8	1 3 7 8	**5**	1 2 3 7 9	2 3 8 9	**6**	3 8

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Unique Rectangle Type 1, BUG (Bivalue Universal Grave)**

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#22 (ID: #1374) **SCORE: 103** **STEPS: 64** **Level 6**

1 3 5 6 9	1 3 5 6 7 8 9	3 5 6 7 8	1 4 5 6 7 8	1 4 5 6 7 8 9	1 4 6 8 9	1 2 3 4 5 6	2 3 5 6 8	1 2 4 5 6 8
2	1 5 6 8 9	5 6 8	1 4 5 6 8	1 4 5 6 8 9	**3**	**7**	5 6 8	1 4 5 6 8
1 3 5 6	1 3 5 6 7 8	**4**	**2**	1 5 6 7 8	1 6 8	1 3 5 6	3 5 6 8	**9**
3 4 5 6	2 3 4 5 6	2 3 5 6	1 3 4 5 6	1 2 3 4 5 6 9	**7**	**8**	2 3 5 6 9	1 2 5 6
3 5 6	2 3 5 6 7 8	**9**	1 3 5 6 8	1 2 3 5 6 8	1 2 6 8	1 2 3 5 6	**4**	1 2 5 6 7
3 4 5 6	2 3 4 5 6 7 8	**1**	3 4 5 6 8	2 3 4 5 6 8 9	2 4 6 8 9	2 3 5 6 9	2 3 5 6 7 9	2 5 6 7
3 4 5 6	2 3 4 5 6	2 3 5 6	**9**	2 3 4 6 7 8	2 4 6 8	2 4 5 6	**1**	2 4 5 6 7 8
8	1 2 3 4 6 9	2 3 6	1 3 4 6 7	1 2 3 4 6 7	**5**	2 4 6 9	2 6 7 9	2 4 6 7
7	1 2 4 5 6 9	2 5 6	1 4 6 8	1 2 4 6 8	1 2 4 6 8	2 4 5 6 9	2 5 6 8 9	**3**

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

Stuck? Enter the Puzzle ID at sudokupuzzle.org for step-by-step logical hints.

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#23 (ID: #12473) **SCORE: 103** **STEPS: 64** **Level 6**

1 2 3 7	1 3 5	1 2 3 5 7	2 5 7 9	1 3 4 5 7 9	**6**	1 2 3 5 7 9	2 3 4 5 7	**8**
9	1 3 5 6	**4**	2 5 7 8	1 3 5 7 8	1 3 5 7 8	1 2 3 5 6 7	2 3 5 6 7	1 2 3 5 7
1 2 3 6 7 8	1 3 5 6	1 2 3 5 6 7 8	2 5 7 8 9	1 3 4 5 7 8 9	1 3 4 5 7 8 9	1 2 3 5 6 9 7	2 3 4 5 6 7	1 2 3 4 5 7 9
1 2 6 8	1 6	1 2 6 8	**3**	1 5 6 7 8	1 5 7 8	**4**	**9**	2 5 7
2 3 4 6 8	3 4 6 9	2 3 6 9 8 9	5 6 7 8 9	4 5 6 7 8 9	4 5 7 8 9	2 3 5 6 7 8	**1**	2 3 5 7
5	**7**	1 3 6 8 9	6 8 9	1 4 6 8 9	**2**	3 6 8	3 6 8	3
1 3 6 7	1 3 5 6 9	1 3 5 6 9 7	**4**	**2**	3 5 7 8 9	1 3 5 7 8 9	3 5 7 8	1 3 5 7 9
1 3 4 7	**8**	1 3 5 7 9	5 7 9	3 5 7 9	3 5 7 9	1 2 3 5 7 9	2 3 4 5 7	**6**
3 4 6 7	**2**	3 5 6 9 7	**1**	3 5 6 9 7 8 9	3 5 7 8 9	3 5 7 8 9	3 4 5 8 7	3 4 5 7 9

Techs: **Naked Single, Hidden Single, BUG (Bivalue Universal Grave)**

Stuck? Enter the Puzzle ID at sudokupuzzle.org for step-by-step logical hints.

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#24 (ID: #79101) **SCORE: 104** **STEPS: 58** **Level 6**

1 2 4 7 8	4 8	**3**	**6**	5 7 8 9	4 5 7 8	1 4 5 7 8	1 2 4 7 8	1 2 4 5 7 8
1 2 4 7 8	**5**	2 4 7 8	7 8	7 8	**3**	1 4 6 7 8	1 2 4 6 7 8	**9**
9	4 8	**6**	5 7 8	**2**	**1**	3 4 5 7 8	3 4 7 8	4 5 7 8
2 3 4 6 8	3 4 6 8 9	2 4 8 9	1 2 3 5 7 8	3 5 6 7 8	5 6 7 8	1 4 5 6 7 8 9	1 4 6 7 8 9	1 4 5 6 7 8
2 6 8	**7**	2 8	1 2 5 8	**4**	**9**	1 5 6 8	1 6 8	**3**
5	**1**	4 8 9	3 7 8	3 6 7 8	6 7 8	**2**	4 6 7 8 9	4 6 7 8
3 4 6 7 8	3 4 6 8 9	**1**	3 5 7 8	3 5 6 7 8	**2**	3 4 6 7 8 9	3 4 6 7 8 9	4 6 7 8
3 4 6 7 8	3 4 6 8	4 5 7 8	**9**	3 5 6 7 8	5 6 7 8	1 3 4 6 7 8	1 2 3 4 6 7 8	1 2 4 6 7 8
3 6 7 8	**2**	7 8 9	**4**	**1**	6 7 8	3 6 7 8 9	**5**	6 7 8

Techs: **Naked Single, Hidden Single, Pointing, BUG (Bivalue Universal Grave)**

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#1 (ID: #43834)

6	1	4	8	**5**	7	9	**2**	3
2	**8**	5	**6**	3	**9**	4	7	1
9	3	**7**	2	4	1	6	5	**8**
1	7	9	5	8	2	**3**	4	**6**
8	**2**	**3**	4	9	6	7	1	**5**
5	4	6	**1**	7	3	2	**8**	9
3	9	8	7	**2**	5	**1**	6	4
4	6	2	9	1	**8**	5	**3**	7
7	**5**	**1**	3	6	4	8	9	2

#2 (ID: #103997)

6	**5**	7	4	3	1	8	9	2
2	3	4	9	**7**	**8**	5	**6**	**1**
8	**9**	1	**6**	5	**2**	4	7	3
7	**2**	8	3	1	9	6	4	**5**
1	**4**	**9**	5	**8**	6	2	3	**7**
3	6	5	**7**	2	**4**	1	8	9
4	1	6	2	**9**	3	7	5	8
9	7	2	8	4	5	3	**1**	**6**
5	8	3	**1**	6	7	9	**2**	**4**

#3 (ID: #52604)

8	**7**	**4**	3	2	6	1	5	9
3	2	1	9	4	5	6	**8**	7
6	9	5	7	**1**	**8**	2	4	**3**
5	3	7	2	**8**	**9**	4	6	1
9	8	**6**	1	7	4	3	**2**	5
4	**1**	**2**	5	6	**3**	7	9	8
2	6	3	8	9	**1**	5	7	4
1	4	8	**6**	5	**7**	**9**	3	2
7	5	**9**	**4**	3	2	8	1	**6**

#4 (ID: #77552)

8	4	**9**	**7**	5	1	2	**3**	6
5	**1**	2	6	3	**8**	**4**	7	9
6	3	7	4	2	9	8	1	**5**
9	**8**	1	2	**6**	7	3	5	4
3	2	**6**	1	4	5	7	**9**	8
7	5	4	8	9	3	6	2	**1**
4	7	5	**3**	1	6	9	8	2
1	**6**	3	**9**	8	2	5	**4**	7
2	**9**	**8**	5	7	**4**	**1**	6	3

#5 (ID: #97292)

1	9	**3**	5	6	2	**8**	4	7
8	**5**	4	**7**	1	9	**3**	2	6
2	7	6	**4**	3	8	9	5	1
9	**8**	**2**	1	7	5	6	3	**4**
3	6	1	2	8	4	7	**9**	5
7	**4**	5	**3**	**9**	6	**1**	8	**2**
4	**3**	**7**	9	2	1	**5**	6	**8**
5	1	8	6	**4**	3	**2**	7	9
6	2	9	8	**5**	7	4	1	**3**

#6 (ID: #1218)

6	8	3	2	9	7	**5**	1	4
7	1	2	5	6	**4**	8	9	3
5	4	9	1	**8**	**3**	7	6	2
1	2	**8**	4	5	9	3	7	6
3	9	5	**6**	7	**2**	**4**	8	1
4	**7**	6	8	3	1	**2**	5	9
8	6	1	3	4	5	9	2	**7**
9	**5**	4	7	2	6	1	**3**	**8**
2	3	7	**9**	1	8	6	4	5

#7 (ID: #58204)

9	5	8	**7**	2	**6**	1	4	**3**
7	6	**4**	9	1	3	8	5	2
2	1	3	4	**8**	5	6	**7**	**9**
6	3	2	1	7	4	9	**8**	5
1	**7**	**5**	8	3	**9**	4	**2**	**6**
8	**4**	9	6	5	2	7	3	1
3	9	6	2	**4**	8	**5**	1	7
5	**8**	1	3	**6**	7	2	9	4
4	**2**	**7**	**5**	9	1	3	6	8

#8 (ID: #1222)

4	**9**	**7**	5	6	1	3	2	8
2	6	1	8	4	3	9	7	**5**
8	3	5	**2**	9	7	**6**	4	**1**
5	1	2	4	**7**	**9**	8	**3**	6
6	**4**	8	3	5	2	7	1	9
9	7	3	1	**8**	6	2	5	4
1	2	9	**6**	3	**5**	4	8	7
7	5	4	9	2	8	1	6	3
3	**8**	6	7	1	4	5	**9**	2

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#9 (ID: #1233)

8	2	4	**7**	6	9	1	**3**	5
6	7	3	5	1	2	8	9	4
5	1	**9**	4	3	**8**	7	2	**6**
2	4	**5**	6	9	1	3	7	8
7	3	**6**	8	2	4	**9**	5	1
9	8	1	**3**	5	7	6	**4**	2
3	6	2	9	8	5	4	1	**7**
1	9	7	2	4	**6**	**5**	8	3
4	5	8	**1**	7	3	2	6	9

#10 (ID: #12114)

5	**7**	8	9	**3**	1	4	6	2
4	9	**6**	8	2	7	**5**	1	3
2	1	3	6	5	4	**9**	8	7
6	4	7	**2**	9	5	8	**3**	1
8	5	1	4	**6**	3	2	**7**	9
3	2	**9**	7	1	**8**	6	5	4
1	6	4	**5**	7	**9**	3	2	8
9	**3**	5	1	8	2	7	**4**	6
7	8	2	3	4	**6**	1	9	5

#11 (ID: #41561)

2	4	9	8	5	**3**	6	7	1
5	6	3	7	2	1	**4**	**8**	9
1	8	7	6	**4**	9	3	5	**2**
6	3	5	2	**8**	7	9	1	4
9	7	2	1	3	4	**5**	6	8
4	1	**8**	9	6	5	**7**	2	**3**
7	2	**1**	4	9	**6**	8	3	5
3	9	6	**5**	1	8	2	**4**	**7**
8	**5**	4	**3**	7	**2**	**1**	9	**6**

#12 (ID: #89412)

3	**7**	5	9	**6**	**1**	4	2	**8**
2	8	**1**	5	7	**4**	6	**3**	9
9	6	4	2	8	3	1	**5**	7
1	**3**	2	6	9	5	8	7	**4**
8	9	6	4	3	7	5	1	2
4	5	7	8	1	2	3	**9**	**6**
6	1	**9**	7	**5**	8	2	**4**	3
5	2	8	3	**4**	9	**7**	**6**	**1**
7	4	3	**1**	2	6	9	8	5

#13 (ID: #111962)

4	1	5	6	8	2	7	3	9
9	8	3	4	7	5	2	**6**	1
2	**7**	6	9	1	3	8	**5**	**4**
6	**9**	2	3	4	8	1	7	**5**
3	**5**	1	**7**	6	9	**4**	2	**8**
8	4	7	2	5	**1**	6	**9**	3
1	6	**8**	5	**9**	7	**3**	4	2
7	2	9	**8**	3	4	5	1	**6**
5	**3**	4	1	2	6	9	8	**7**

#14 (ID: #122421)

3	6	2	1	5	**9**	4	8	**7**
4	8	5	**6**	**7**	3	1	**2**	**9**
1	7	9	4	8	2	6	3	5
8	2	**1**	5	3	4	**7**	9	6
6	9	3	7	**2**	1	**5**	**4**	8
7	5	4	**8**	**9**	**6**	3	1	2
5	3	8	9	4	**7**	2	6	**1**
9	**4**	6	**2**	1	5	8	7	3
2	1	**7**	3	6	8	9	5	4

#15 (ID: #17530)

6	9	2	4	3	7	8	**5**	1
1	**3**	7	5	6	8	9	2	**4**
8	5	4	9	**2**	**1**	3	7	6
4	**6**	**1**	7	**8**	5	**2**	3	9
9	7	8	2	4	**3**	6	1	5
3	2	**5**	**6**	1	**9**	4	8	7
7	8	3	1	9	**4**	5	**6**	2
2	1	9	**3**	**5**	6	7	**4**	**8**
5	4	**6**	**8**	7	2	1	9	**3**

#16 (ID: #1312)

9	6	4	3	**5**	8	7	2	**1**
3	1	2	4	7	6	9	5	8
8	**5**	7	1	9	**2**	**3**	4	6
4	9	5	6	2	**3**	**8**	1	7
1	2	3	7	8	5	6	**9**	4
6	7	8	9	4	1	2	3	5
5	**8**	6	2	3	**4**	1	7	9
7	**3**	1	5	6	9	4	8	**2**
2	4	9	8	**1**	7	5	**6**	3

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#17 (ID: #1340)

6	**5**	8	4	7	**1**	9	3	**2**
4	9	3	**5**	2	6	**7**	1	8
2	7	1	8	3	9	6	5	4
3	4	5	1	9	**2**	8	7	**6**
9	8	6	3	4	7	5	2	1
7	1	2	6	8	5	3	**4**	9
8	**2**	7	9	5	4	**1**	6	3
1	3	4	**7**	6	8	2	**9**	5
5	**6**	9	2	1	**3**	4	8	7

#18 (ID: #14557)

7	2	**9**	5	4	6	1	3	8
3	6	1	9	7	**8**	**4**	**5**	2
8	**4**	5	2	3	1	**7**	9	6
2	1	4	8	6	9	3	7	5
9	**7**	8	3	1	**5**	6	2	4
5	3	**6**	4	2	7	8	**1**	**9**
1	8	7	**6**	**9**	2	5	4	**3**
6	9	3	**1**	5	4	2	8	7
4	**5**	2	7	8	3	9	6	1

#19 (ID: #1362)

2	8	9	1	6	3	**4**	5	7
5	4	1	2	9	7	**3**	6	8
7	**6**	3	4	8	**5**	1	9	2
4	9	5	6	**1**	2	7	8	3
6	1	2	7	3	8	**9**	4	**5**
8	3	**7**	9	5	4	2	1	**6**
3	**5**	4	8	7	1	6	2	**9**
9	2	**8**	**3**	**4**	6	5	7	1
1	7	6	5	**2**	9	8	3	4

#20 (ID: #54795)

6	**3**	**7**	**1**	**4**	9	2	5	**8**
2	5	**8**	**7**	3	6	4	1	**9**
4	1	9	2	5	**8**	3	**6**	7
5	9	**1**	**3**	8	2	**7**	4	6
8	2	3	**4**	**6**	7	**1**	9	5
7	**6**	4	5	9	1	8	**2**	3
9	7	2	6	1	3	5	**8**	4
3	4	6	8	2	5	9	**7**	1
1	8	5	**9**	7	4	6	3	2

#21 (ID: #68632)

7	4	3	5	1	6	9	8	**2**
9	6	8	7	**4**	2	3	5	1
5	1	**2**	**9**	3	**8**	6	4	**7**
1	9	4	6	8	3	**7**	2	5
2	**8**	6	1	7	5	4	3	**9**
3	5	7	**2**	9	4	8	**1**	6
6	3	**9**	**4**	2	1	**5**	7	8
8	**2**	5	3	**6**	7	**1**	9	**4**
4	7	1	8	**5**	9	2	**6**	3

#22 (ID: #1374)

9	3	7	6	5	1	4	2	8
2	6	8	4	9	**3**	**7**	5	1
1	5	**4**	**2**	7	8	6	3	**9**
4	2	5	3	1	**7**	**8**	9	6
3	7	**9**	8	6	2	1	**4**	5
6	8	**1**	5	4	9	3	7	2
5	4	3	**9**	8	6	2	**1**	7
8	1	2	7	3	**5**	9	6	4
7	9	6	1	2	4	5	8	**3**

#23 (ID: #12473)

2	1	7	5	9	**6**	3	4	**8**
9	5	**4**	8	3	7	2	6	1
6	3	8	2	1	4	5	7	9
8	6	2	**3**	7	1	**4**	**9**	5
3	4	9	6	8	5	7	**1**	2
5	**7**	1	9	4	**2**	6	8	3
1	9	6	**4**	**2**	3	8	5	7
4	**8**	3	7	5	9	1	2	**6**
7	**2**	5	**1**	6	8	9	3	4

#24 (ID: #79101)

7	8	**3**	**6**	9	4	1	2	5
1	**5**	2	7	8	**3**	6	4	**9**
9	4	**6**	5	**2**	**1**	3	8	7
6	3	4	2	7	5	8	9	1
2	**7**	8	1	**4**	**9**	5	6	**3**
5	**1**	9	3	6	8	**2**	7	4
4	9	**1**	8	5	**2**	7	3	6
8	6	5	**9**	3	7	4	1	2
3	**2**	7	**4**	**1**	6	9	**5**	8